

Product datasheet for AR52012PU-S

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MESDC2 (30-224, His-tag) Mouse Protein

Product data:

Product Type: Recombinant Proteins

Description: MESDC2 (30-224, His-tag) mouse protein, 20 μg

Species: Mouse Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MGSADTPGEA TPPPRKKKDI RDYNDADMAR LLEQWEKDDD

or AA Sequence: IEEGDLPEHK RPSAPIDFSK LDPGKPESIL KMTKKGKTLM MFVTVSGNPT EKETEEITSL

WQGSLFNANY DVQRFIVGSD RAIFMLRDGS YAWEIKDFLV SQDRCAEVTL EGQMYPGKGG

GSKEKNKTKP EKAKKKEGDP KPRASKEDNR AGSRRE?

Tag: His-tag
Predicted MW: 24.4 kDa
Concentration: lot specific

Purity: >90% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Preparation: Liquid purified protein

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 075892

 Locus ID:
 67943

 UniProt ID:
 Q9ERE7

 Cytogenetics:
 7 D3

Synonyms: 2210015O11Rik; AW537813; mesd; mKIAA0081; msd

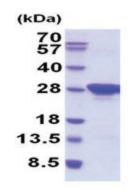




Summary:

Chaperone specifically assisting the folding of beta-propeller/EGF modules within the family of low-density lipoprotein receptors (LDLRs). Acts as a modulator of the Wnt pathway through chaperoning the coreceptors of the canonical Wnt pathway, LRP5 and LRP6, to the plasma membrane. Essential for specification of embryonic polarity and mesoderm induction (PubMed:12581525). Plays an essential role in neuromuscular junction (NMJ) formation by promoting cell-surface expression of LRP4 (PubMed:24140340). May regulate phagocytosis of apoptotic retinal pigment epithelium (RPE) cells (PubMed:27184668).[UniProtKB/Swiss-Prot Function]

Product images:



15% SDS-PAGE (3ug)